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 AN 1350:17756 CAPLUS Full-text<<LOGINID::20080408>>
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 ED Entered STM: 21 Jan 1990
 TI Modified seed dressing containing pesticides, nutrients or plant growth regulators.
 IN Kotlinski, Stanislaw; Straszczyk, Henryk; Markiewicz-jodko, Jan; Dobrzanski, Adam; Nowosielski, Olgierd; Polowski, Stefan; Koch, Stanislaw
 PA Instytut Warzywnictwa, Skierniewicka, Pol.
 SO Pol., 12 pp. Abstracted and indexed from the unexamined application.
 CODEN: POXXA7
 DT Patent
 LA Polish
 IC ICM A01N025-24
 ICA A01C001-06; A01N025-02
 CC 5-3 (Agrochemical Bioregulators)
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 146138	B2	19881231	PL 1986-259271	19860429 <--
PRAI PL 1986-259271		19880429		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
PL 146138	ICM	A01N025-24
	ICA	A01C001-06; A01N025-02
	IPCI	A01N025-24 [ICM,4]; A01C0001-06 [ICA,4]; A01N0025-02 [ICA,4]
	IPCR	A01C0001-06 [N,C*]; A01C0001-06 [N,A]; A01N0025-02 [N,C*]; A01N0025-02 [N,A]; A01N0025-24 [I,C*]; A01N0025-24 [I,A]

AB The title seed dressing containing pesticides, nutrients, and growth regulators is obtained by the addition of polyacrylamide, hydrolyzed polyacrylamide, hydrolyzed polyacrylonitrile, acrylamide copolymers, poly(vinyl alc.), or poly(vinyl acetate) 0.1-50 wt% aqueous suspension at 0.01-10.0 wt% of the treated seeds, lignosulfonates, molasses, or brown coal dust 0.1-5.0 wt%, and HCHO, epoxides, or Ca salts at 0.01-1.1 of the amount of the polymer material. The dressing is easily applied by spraying, forms a strong film, and has low phytotoxicity. Onion seeds were treated with a dressing prepared by the addition of polyacrylamide (average mol. weight 2.5×10^6) 5% aqueous suspension, at 0.6 wt% of the weight of the seeds, to the com. seed dressing preps. Oftanol T and Rowral (5 wt% each of the weight of the seeds). The germination capacity of the seeds was 78.5%.

ST seed dressing polyacrylamide polyacrylonitrile; pesticide growth regulator seed dressing

IT Seed (dressings for, polymer-based, pesticides and growth regulators in)

IT Molasses
 Pesticides
 Coal, brown
 Plant hormones and regulators
 RL: BIOL (Biological study)
 (seed dressings containing)

IT 50-00-0, Formaldehyde, biological studies 79-05-1D, Acrylamide, copolymers 7440-70-2, Calcium, biological studies 8062-15-5, Lignosulfonic acid 9002-89-5, Poly(vinyl alcohol) 9003-05-8, Polyacrylamide 9003-05-8D, Polyacrylamide, hydrolyzed 9003-20-7, Poly(vinyl acetate) 25014-41-90, Polyacrylonitrile, hydrolyzed
 RL: BIOL (Biological study)
 (seed dressings containing)